

LIST OF SUGGESTED EXERCISES FOR CALCULUS 1501B - WINTER 2016

$\varepsilon - \delta$  DEFINITION OF LIMIT,  
REVIEW OF CONTINUITY AND DIFFERENTIABILITY

- 2.4** (*p. 114*) odd 19-31  
**2.5** (*p. 125*) 39  
**2.7** (*p. 151*) 59, 60  
**2.8** (*p. 162*) odd 21-31, 57(a,b), 61

MEAN VALUE THEOREM

- 4.2** (*p. 291*) odd 1-13, 17, 21-33, 37

INTEGRATION TECHNIQUES AND IMPROPER INTEGRALS

- 7.1** (*p. 476*) odd 1-11, 15-23, 27-41, 47, 51, 55, 57, 71  
**7.4** (*p. 501*) odd 1-41, 47, 51, 53, 57, 59, 61, 75  
**7.8** (*p. 534*) odd 1-41, 49-53, 63, 71, 77, 81  
**Review** (*p. 537*) TF 1-7, 10-14; EXERCISES odd 1-9, 15-19, 25, 41-49, 61, 71, 77, 79

SEQUENCES, SERIES

- 11.1** (*p. 704*) odd 1-17, 23-55, 69; 70, odd 71-79, 83, 86, 89  
**11.2** (*p. 715*) 3, odd 15-47, 51-63, 67, 75; 82, 84-87, 91(a)  
**11.3** (*p. 725*) odd 3-31, 43, 45  
**11.4** (*p. 731*) odd 1-31, 37, 39, 43, 45  
**11.5** (*p. 736*) odd 1-19, 23, 25, 31, 33, 35  
**11.6** (*p. 742*) odd 1-19, 23-45  
**11.7** (*p. 746*) odd 1-21, 25, 31-37  
**11.8** (*p. 751*) odd 3-25, 29, 33, 35(a), 39, 41  
**11.9** (*p. 757*) odd 1-7, 13-17, 25, 27, 39; 40(a,b), 41  
**11.10** (*p. 771*) odd 3-15, 19-25, 31-41, 51, 55, 61-65, 79  
**11.11** (*p. 780*) odd 3-9 (no graphs), 13(a), 15(a), 19(a), 27, 29  
**Review** (*p. 784*) TF 1-20; EXERCISES odd 1-7, 11-31, 35, 41, 43, 47-55, 59

DIFFERENTIAL EQUATIONS

- 9.1** (*p. 590*) odd 1-11  
**9.3** (*p. 605*) odd 1-21, 43, 45, 47

PARAMETRIC EQUATIONS AND POLAR CURVES

- 8.1** (*p. 548*) 1, 9, 11, 35, 37  
**10.1** (*p. 645*) odd 5-15, 19, 21, 23, 31, 33, 37, 45  
**10.2** (*p. 655*) odd 1-7, 17, 19, 29; 30, 41, 43, 45, 51, 67  
**10.3** (*p. 666*) odd 1-45, 53(a); 54, 55, odd 59-65, 66  
**10.4** (*p. 672*) odd 1-11, 17-23; 24, 27, 29, 30, odd 35-41, 45, 47